

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-25. (canceled).

26. (currently amended): A light-emitting element which emits light ~~itself~~using organic electroluminescence, comprising:

a light-emitting portion having a higher refractive index than a refractive index of air, comprising:

a transparent substrate,

a transparent electrode formed on one side of said substrate,

an organic compound layer formed on said transparent electrode, said organic compound layer including a light-emitting layer, and

a rear electrode formed on said organic compound layer;

a color-~~[-]~~separation filter formed on the other side of said substrate,

a diffraction grating structure formed on said color-separation filter, having a pitch of a fine convex-concave structure being in a range ~~of~~from 1 μ m to 4 μ m, and a depth of the fine convex-concave structure being in a range ~~of~~from 0.4 μ m to 4 μ m,

wherein said color separation filter is selected so that, when white light is emitted from said light-emitting portion, a minimum value of a spectral product obtained from a light-emission

waveform of the white light and a spectral transmittance of said color-separation filter is equal to or less than 50% of a maximum value thereof.

27. (currently amended): A light-emitting element which emits light using organic electroluminescence itself, comprising:

a light-emitting portion having a higher refractive index than a refractive index of air, comprising:

a transparent substrate,

a transparent electrode formed on one side of said substrate,

an organic compound layer formed on said transparent electrode, said organic compound layer including a light-emitting layer, and

a rear electrode formed on said organic compound layer;

a color-separation filter formed on the other side of said substrate,

a diffraction grating structure formed on said color-separation filter, having a pitch of a fine convex-concave structure being in a range of from $1\mu\text{m}$ to $4\mu\text{m}$, and a depth of the fine convex-concave structure being in a range of from $0.4\mu\text{m}$ to $4\mu\text{m}$,

wherein said light-emitting portion emits white light, and

wherein a minimum value of a spectral product obtained from a light-emission waveform of the white light and a spectral transmittance of said color-separation filter is equal to or less than 50% of a maximum value thereof.

28. (currently amended): A light-emitting element which emits light using organic electroluminescence itself, comprising:

a light-emitting portion having a higher refractive index than a refractive index of air,
comprising:

a transparent substrate,

a transparent electrode formed on one side of said substrate,

an organic compound layer formed on said transparent electrode, said organic
compound layer including a light-emitting layer, and

a rear electrode formed on said organic compound layer;

a diffraction grating structure formed on the other side of said substrate, said diffraction
grating structure having a pitch of a fine convex-concave structure being in a range of from $1\mu\text{m}$
to $4\mu\text{m}$, and a depth of the fine convex-concave structure being in a range of from $0.4\mu\text{m}$ to
 $4\mu\text{m}$,

wherein said light-emitting layer includes light-emitting materials for at least two primary
colors emitting white light among light-emitting materials for three primary colors, and

wherein a light-emission ratio of the light emitting materials for said at least two primary
colors among the light-emitting materials for the three primary colors is adjusted to make a
minimum light-emission value equal to or less than 50% of a maximum light-emission value
when white light is emitted from said light-emitting portion.

29. (currently amended): A light-emitting element which emits light using organic
electroluminescence itself, comprising:

a light-emitting portion having a higher refractive index than a refractive index of air,
comprising:

a transparent substrate,

a transparent electrode formed on one side of said substrate,

an organic compound layer formed on said transparent electrode, said organic compound layer including a light-emitting layer, and

a rear electrode formed on said organic compound layer;

a diffraction grating structure formed on the other side of said substrate, said diffraction grating structure having a pitch of a fine convex-concave structure being in a range of ~~from~~ 1 μ m to 4 μ m, and a depth of the fine convex-concave structure being in a range of ~~of~~ from 0.4 μ m to 4 μ m,

wherein said light-emitting layer includes light-emitting materials for at least two primary colors among light-emitting materials for three primary colors,

wherein said light-emitting portion emits white light, and

wherein a minimum light-emission value is equal to or less than 50% of a maximum light-emission value.